Contents / Inhalt

Contributed Papers / Originalarbeiten

Ansorge, R., Taubert, K.: Remarks on Composite Integration Methods for Ordinary Differential Equations 69– 82

Avis, D., s. ElGindy, H.

Bathelt, P., Hofmann, F.: A Comparison of Two Petri Net Types . 141–148

Bolch, G.: Approximation von Leistungsgrößen symmetrischer Mehrprozessorsysteme..... 305–315

van Dam, W. B., Frenk, J. B. G., Rinnooy Kan, A. H. G.: The Asymptotic Behaviour of a Distributive Sorting Method..... 287–303

Doberkat, E. E.: Continuous Models that Are Equivalent to Randomness for the Analysis of Many Sorting Algorithms..... 11– 31

ElGindy, H., Avis, D., Toussaint, G.: Applications of a Two-Dimensional Hidden-Line Algorithm to Other Geometric Problems 191–202

Engels, G., Gall, R., Nagl, M., Schäfer, W.: Software Specification Using Graph Grammars..... 317–346

Frenk, J. B. G., s. van Dam, W. B.

Gall, R., s. Engels, G.

Häußler, W. M.: A Local Convergence Analysis for the Gauss-Newton and Levenberg-Morrison-Marquardt Algorithms..... 231–244

Hofmann, F., s. Bathelt, P.

Korchemkin, M. B.: A Heuristic Partitioning Algorithm for a Packaging Problem 203–209

Krawczyk, R.: Interval Operators of a Function of Which the Lipschitz Matrix Is an Interval M-Matrix..... 245–253

Maas, C.: Determining the Interval Number of a Triangle-Free Graph 347–354

Merrett, T. H., s. Otoo, E. J.

Monien, B.: The Complexity of Determining a Shortest Cycle of Even Length..... 355–369

Münzel, G., Renner, G.: Zur Charakterisierung und Berechnung von symmetrischen Kubaturformeln 211–230

Nagl, M., s. Engels, G.

Ortiz, E. L., Samara, H.: Numerical Solution of Differential Eigenvalue Problems with an Operational Approach to the Tau Method 95–103

Otoo, E. J., Merrett, T. H.: A Storage Scheme for Extendible Arrays 1– 9

Papworth, D. G.: Exact Tests of Fit for a Poisson Distribution ... 33– 45

Renner, G., s. Münzel, G.

Rinnooy Kan, A. H. G., s. van Dam, W. B.

Rosenberg, A. L., Sudborough, I. H.: Bandwidth and Pebbling .. 115–139

Samara, H., s. Ortiz, E. L.

Schäfer, W., s. Engels, G.

Strehmel, K., Weiner, R.: Nonlinear Contractivity of a Class of Semi-Implicit Multistep Methods 371–381

Sudborough, I. H., s. Rosenberg, A. L.

Taubert, K., s. Ansorge, R.

Theocaris, P. S., s. Tsamasphyros, G.

Toussaint, G., s. ElGindy, H.

Tsamasphyros, G., Theocaris, P. S.: On the Convergence of Some Quadrature Rules for Cauchy Principal-Value and Finite-Part Integrals 105–114

Weiner, R., s. Strehmel, K.

Zlatev, Z.: Consistency and Convergence of General Linear Multistep Variable Stepsize Variable Formula Methods 47– 67

Short Communications / Kurze Mitteilungen

Breitenecker, F.: On the Choice of an Appropriate Imbedding Algorithm for the Solution of Unstable Linear Boundary Value Problems..... 173–176

Hering, L.: Darstellung von Bézier-Kurven als B-Spline-Kurven .. 149–153

Krawczyk, R.: A Remark About the Convergence of Interval Sequences 255–259

Lautsch, M.: An Implicit Off-Step Point Method for the Integration of Stiff Differential Equations..... 177–183

Mengzhao, Quin: Difference Schemes for the Dispersive Equation 261–267

Prochazka, W.: Conformal Mapping of the Unit Circle or of the Upper Half Plane onto a Polygon..... 155–172

Wolff von Gudenberg, J.: Computing z^y with Maximum Accuracy 185–189

Algorithms / Algorithmen

Carpaneto, G., Toth, P.: Algorithm 50. Algorithm for the Solution of the Assignment Problem for Sparse Matrices. 83– 94

Toth, P., s. Carpaneto, G.

Werner, H.: Algorithm 51. A Reliable and Numerically Stable Program for Rational Interpolation of Lagrange Data. 269–286

Listed in Current Contents